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SERIALS
22-8-74

MANAGING THE ENGINEERING FUNCTION

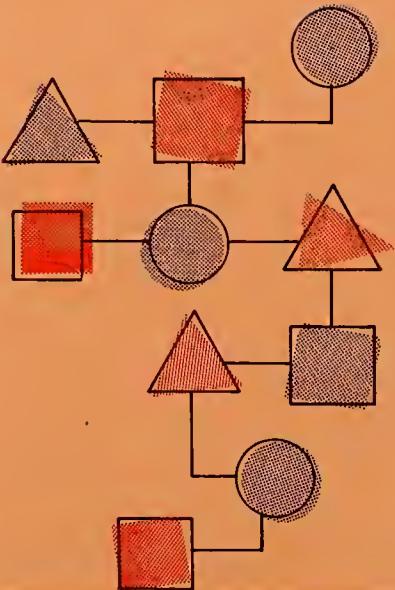
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The Division of Extension, University of Toronto
84 Queen's Park
Toronto 5, Ontario

THE UNIVERSITY OF TORONTO,
DIVISION OF EXTENSION

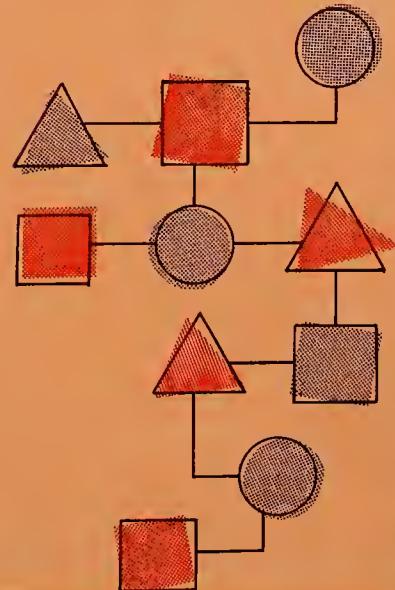
in co-operation with

URWICK, CURRIE & PARTNERS LIMITED
AND THE ASSOCIATION OF PROFESSIONAL
ENGINEERS OF ONTARIO

Toronto/October 25-27/'67



Toronto/October 25-27/67



MANAGING THE ENGINEERING FUNCTION

THE PROGRAM More and more engineers are turning to management jobs and many managers are seeking to know how to "manage the engineering function". This workshop has been organized to bring current thought — both theory and practice — to those who seek to keep themselves and their organization vital, efficient and effective.

The program commences with a dinner on the evening of October 25th Dr. J. M. Ham, Dean of the Faculty of Applied Science and Engineering, University of Toronto, will speak.

The next two days will consist of seminar sessions. Topics will be introduced by lecturers, drawn from both business and university circles, who will lay groundwork for general discussion of the subject at hand. A case study will also be presented and the participants will be divided into small groups to analyze the case and reach conclusions which will be presented to the whole assembly.

FOR WHOM Supervising engineers and managers with responsibilities related to engineering functions, or those preparing themselves for such roles.

WHEN October 25, p.m. only, 26, 27, 1967.

WHERE St. Michael's College
University of Toronto
Toronto, Ontario

FEE \$150.00 — The fee covers the cost of tuition, printed materials, a dinner and two luncheons.

ACCOMMODATION For those who wish accommodation, there are numerous hotels nearby within either walking distance or subway travel. The Park Plaza Hotel, 4 Avenue Road, Toronto, is within a three minute walk of the seminar site.

REGISTRATION Application forms should be forwarded before October 16, 1967 to:

University of Toronto, Division of Extension,
Managing the Engineering Function,
84 Queen's Park, Toronto 5, Ontario.

Further application forms are available upon request. A cheque or money order covering the seminar fee in full should accompany the application. Fees are payable to the University of Toronto at par in Toronto.

ENROLMENT LIMIT Approximately 25 students can be enrolled for this seminar. Should applications exceed this number an attempt will be made to organize a second seminar for the same or future dates. Early registration is advised.

FORMAT

		Program Chairman	
5:30- 6:45 p.m.	October 25 Registration — Cocktails — Introductions Dinner Topic: <i>The Changing Role of Technology</i> Speaker: DR. JAMES M. HAM Dean of the Faculty of Applied Science and Engineering University of Toronto	3:15- 5:00 p.m.	Topic: Management Development and Motivation of Engineers • management training program for engineers and technical managers • motivation and productivity Chairmen: MR. DOUGLAS M. NORMAN Consultant Urwick, Currie & Partners Ltd. and PROFESSOR MAURICE HECHT Topic: <i>Analysis of a Major Case by Individual Groups with Assistance from Session Leaders</i>
9:00- 9:15 a.m. 9:15- 10:30 a.m.	October 26 Topic: <i>Program Introduction</i> Chairman: PROFESSOR MAURICE R. HECHT Topic: <i>The Changing Role of Engineering Today</i> • structured decision making • business oriented engineering output Chairman: MR. PETER TUCK Specialist, Advance Systems Planning Canadian General Electric	7:30 p.m. 9:00- 10:30 a.m.	October 27 Topic: <i>Case Study: Group Presentations and Discussion of Results</i> Chairman: MR. PAUL WHITE Break Topic: <i>Computer Developments Applicable to the Engineering Function</i> • the computer and its impact on the engineering function • design automation • computer graphics Chairman: PROF. WILLIAM MACELHINNEY Faculty of Applied Science and Engineering University of Toronto Main Speaker: PROFESSOR STEWART LEE Faculty of Applied Science and Engineering University of Toronto
10:30- 10:45 a.m. 10:45- 12:15 p.m.	Break Topic: <i>Organization and Control of the Engineering Function</i> • principles in the organization of engineering functions • organization of the engineering function • the project management approach • case study • planning and control of engineering projects and manpower • value engineering • quality control Chairman: PROFESSOR JACK A. SARJEANT School of Business University of Toronto and MR. PAUL C. WHITE Consultant Urwick, Currie & Partners Ltd.	12:15- 1:30 p.m. 1:30- 3:00 p.m.	Lunch Topic: <i>Computer Developments Applicable to the Engineering Function</i> — a continuation of the morning session Break Topic: <i>Open Session</i> Chairman: PROFESSOR MAURICE HECHT Panel Members: MR. PAUL WHITE MR. PETER TUCK PROFESSOR WILLIAM MACELHINNEY MR. D. M. NORMAN DR. JAMES M. HAM PROFESSOR STEWART LEE PROFESSOR JACK SARJEANT
12:15- 1:30 p.m. 1:30- 3:00 p.m. 3:00- 3:15 p.m.	Lunch (provided) Topic: <i>Organization and Control of the Engineering Function</i> — a continuation of the morning session Break	3:00- 3:15 p.m. 3:15- 5:00 p.m.	

REGISTRATION FORM

Seminar **MANAGING THE ENGINEERING FUNCTION**

October 25, 26, 27, 1967.

Please enrol me in this seminar. My cheque or money order in the amount of \$150.00 payable at par to the University of Toronto is enclosed.

Name (please print)	Company
Position	City
Business Address	Province
Home Telephone	Business Telephone
Date	Signature

Send to:
The Division of Extension, University of Toronto
84 Queen's Park
Toronto 5, Ontario